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| 09/268,254 | 03/15/1999 | ANTONIUS H.M. HOLTSLAG | PHN-17.049 | 8145 |

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EXAMINER

KOVALICK, VINCENT E

ART UNIT

PAPER NUMBER

2673

9

DATE MAILED: 11/27/2001

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/268,254

Applicant(s)

HOLTSLAG, ANTONIUS H.M.

Examiner

Vincent E Kovalick

Art Unit

2673

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 August 2001.
- 2a) ☒ This action is FINAL. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

- 15) ☐ Notice of References Cited (PTO-892)
- 16) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 17) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 9.
- 18) ☐ Interview Summary (PTO-413) Paper No(s) _____.
- 19) ☐ Notice of Informal Patent Application (PTO-152)
- 20) ☐ Other: _____.

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DETAILED ACTION

Response to Amendment

1. This Office Action is in response to Applicant's amendment dated August 30, 2001 in response to PTO Office Action dated June 28, 2001.

The amendments to claims 1-5, the substitute specification and the IDS have been entered in the record and Applicant's remarks relative to the drawings have been noted.

Applicant's remarks relative to the rejection of claims 1-5 have been carefully reviewed but are not persuasive. Wherein the specification teaches beyond the teaching of the claims, the claim rejections are based on the language of the claims. The cited prior art (Lipton, USP 4,562,463) does teach the limitations of said claims being applicable to a plasma display panel (col. 14, lines 48-59). Lipton further teaches displaying a video signal (col. 14, lines 48-59) having a first and second display field of display lines, the display lines of the first display field being in an interlace position with respect to the display lines of the second display field and alternately selecting several time the first display field only, or the second display field only (col 4, lines 32-42; col. 13, lines 36-38 and col. 14, lines 28-30), both during respective time periods which are longer than the video field period (col. 19, lines 17-21); and supplying video data signals in conformance with the video lines to the display lines of the selected display field (col. 4, lines 17-21).

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Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lipton (U. S. Patent No. 4,562,463).

Relative to claims 1, 4 and 5, Lipton **teaches** a stereoscopic TV system using sequential display of right and left picture information, it eliminates flicker and spurious temporal parallax effects, and yields increased brightness (col. 1, lines 8-16; col. 4, lines 17-68 and col. 5, lines 1-40). Lipton further **teaches** means for displaying a video signal with video lines in a video field period on a plasma display panel (14,48-59); having a first and second display field of display lines, the display lines of the first display field being in an interlace position with respect to the display lines of the second display field the means comprising: alternately selecting several times the first display field only, or the second display field only (col. 4, lines 32-42; col. 13, lines 36-38 and 60-66 and col. 14, lines 28-30), both during a respective time periods which are longer than the video field period (col. 19, lines 17-21), and supply video data signals in conformance with the video lines to the display lines of the selected display field (col. 4, lines 32-38).

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The difference between the teaching of Lipton and that of the instant invention is that the instant invention specifies the display device being a plasma display panel (PDP), wherein Lipton teaches the display device being a CRT or solid state display (col. 4, lines 35-37); however, Lipton further teaches that no restriction is placed on the type of display device that can be employed (col. 14, lines 48-49) and specifically identifies a plasma display panels (PDP's) as a display type that would be compatible with the apparatus as taught by Lipton.

It would have been obvious to a person of ordinary skill in the art at the time of the invention that the teaching of Lipton teaches the limitations as set forth in claims 1, 4 and 5 of the instant invention.

Regarding claims 2 and 3, it would have been obvious to a person of ordinary skill in the art at the time of the invention that the method step wherein the number of video lines in a video field period being smaller than or substantially equal to the number of display lines of the first or second display field is well known in the art and in common practice in the display of interlaced video signals; it would have been further obvious to a person of ordinary skill in the art at the time of the invention that in selecting the same (odd or even video field) to be displayed multiple times would require a longer period of time than is required for displaying one of said fields just once.

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Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U. S. Patent No. 4,287,528 Levy

U. S. Patent No. 4,286,286 Jurisson et al.

U. S. Patent No. 4,266,240 Levy

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

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Responses

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Vincent E. Kovalick** whose telephone number is **(703) 306-3020**. The examiner can normally be reached on Monday-Thursday from 9:00 a.m. to 4:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Bipin Shalwala**, can be reached at **(703) 305-4938**.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

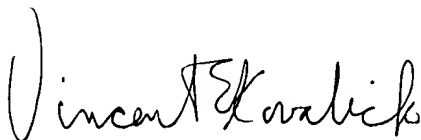
or faxed to:

(703) 872-9314 (for Technology Center 2600 only)

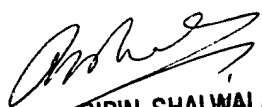
Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Inquires

7. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is **(703) 306-0377**.



Vincent E. Kovalick



BIPIN SHALWALA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600